

FO2070" 0786860

### Dropping Insulin Requirements with Testosterone Injections

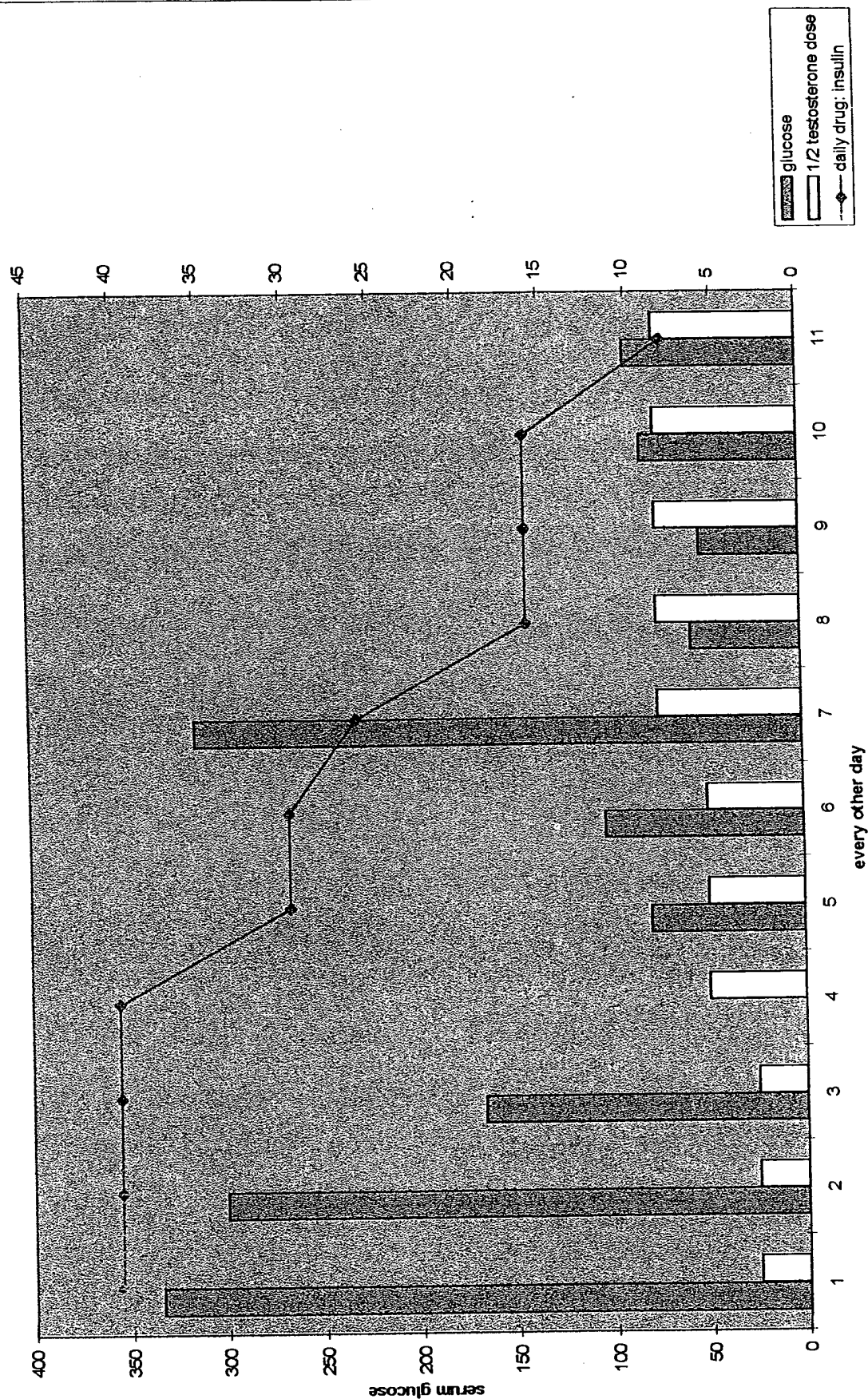


FIGURE 1

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# Dropping Micronase Requirements with Testosterone Injection

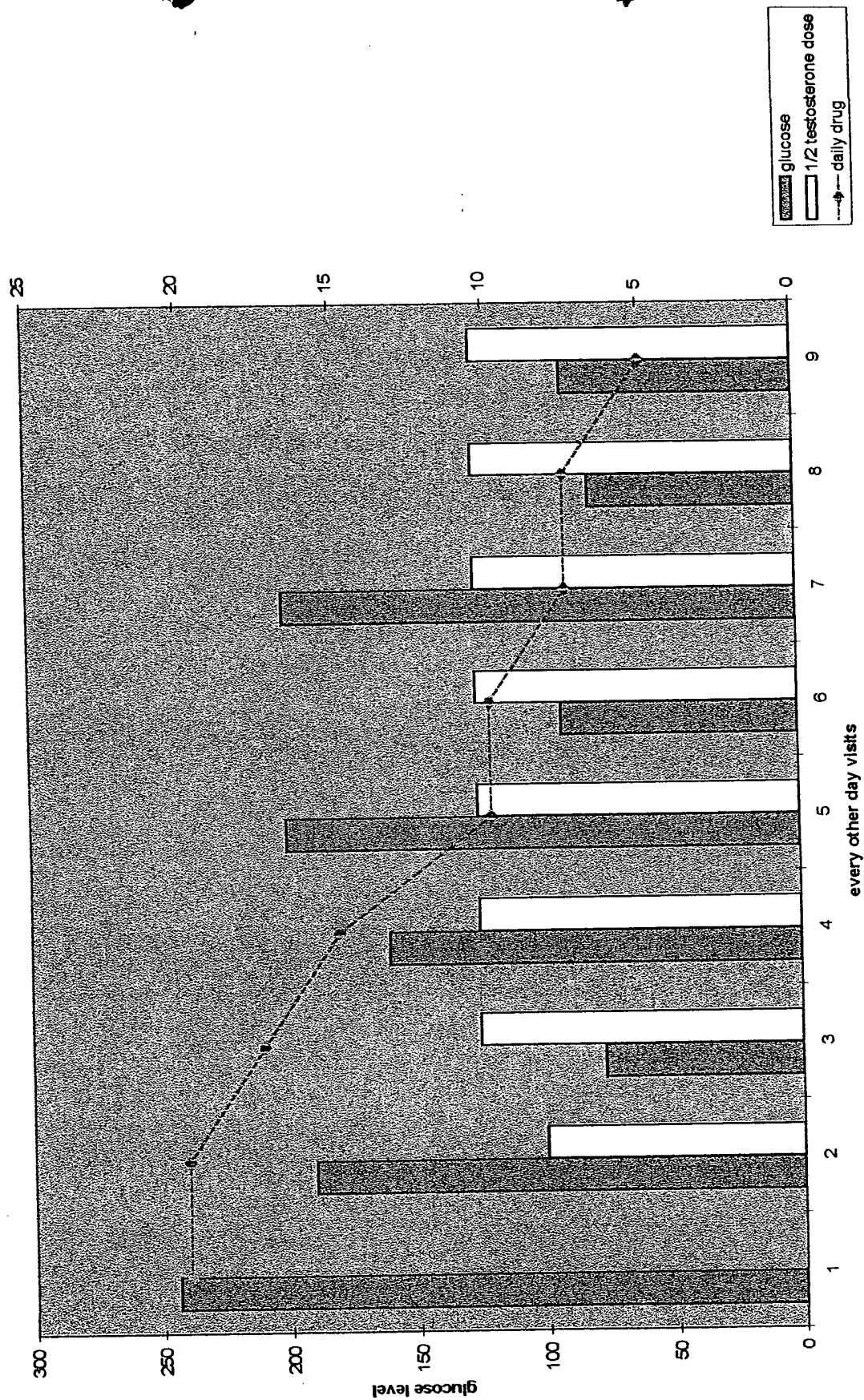


FIGURE 2

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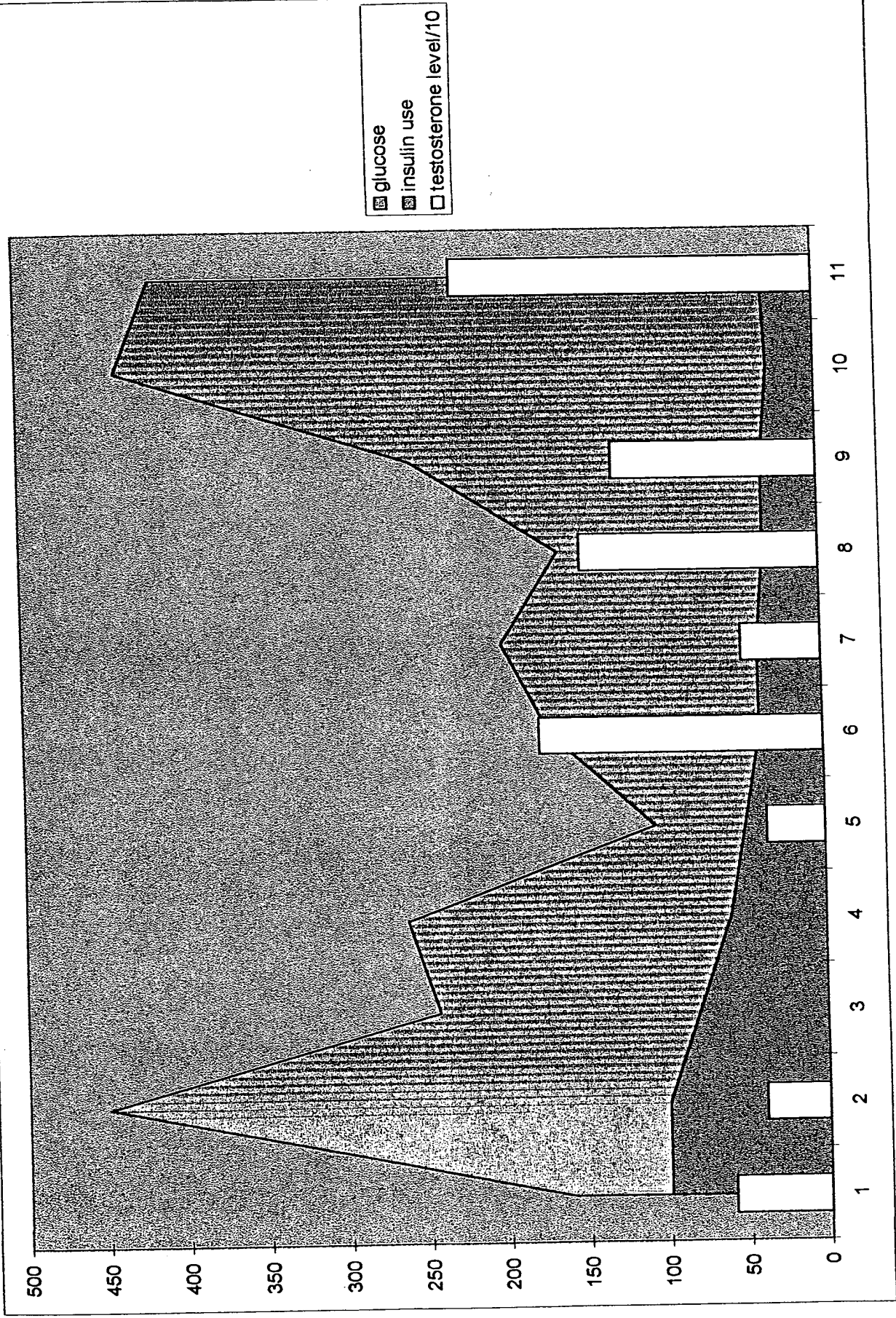


FIGURE 3



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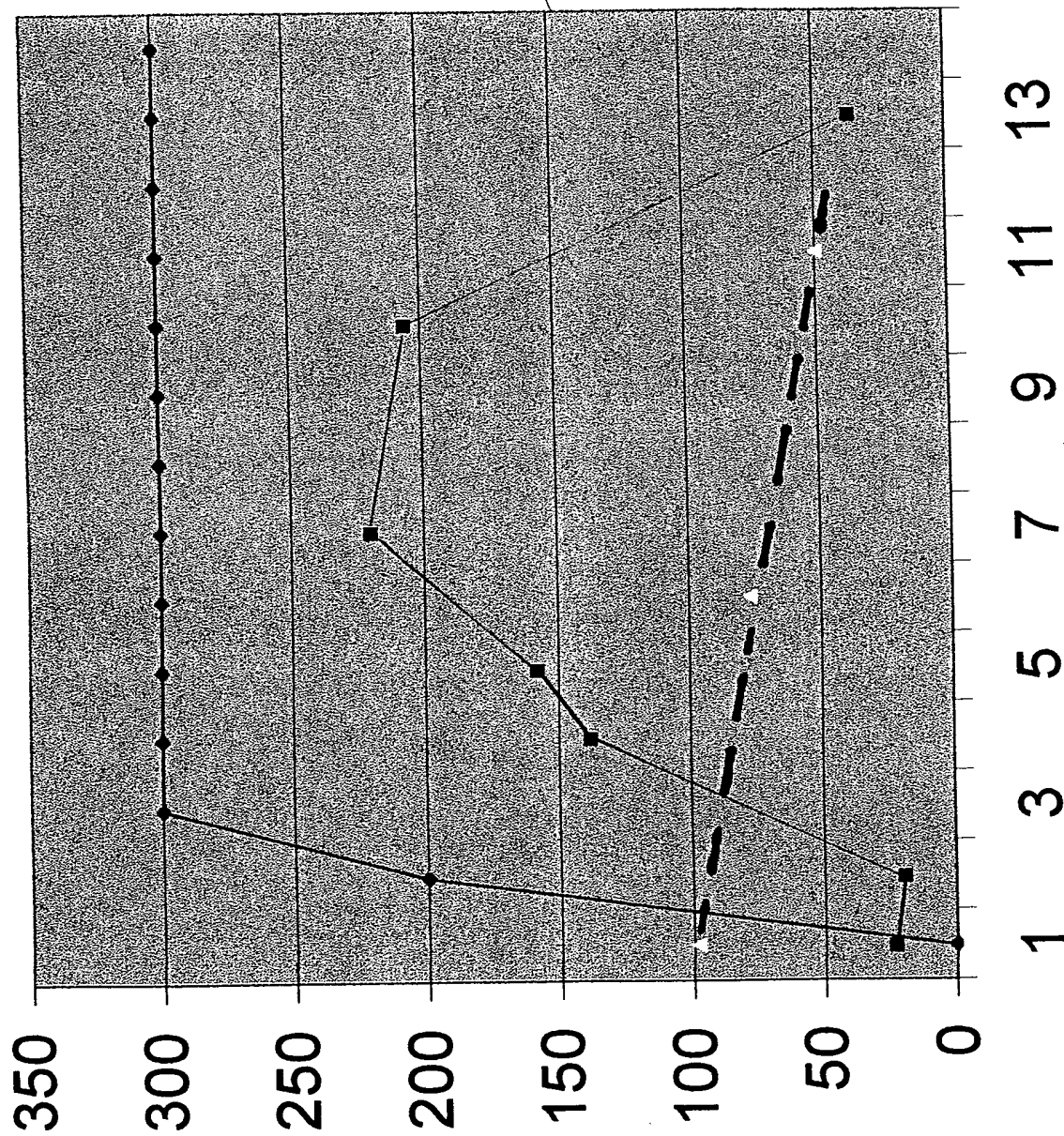
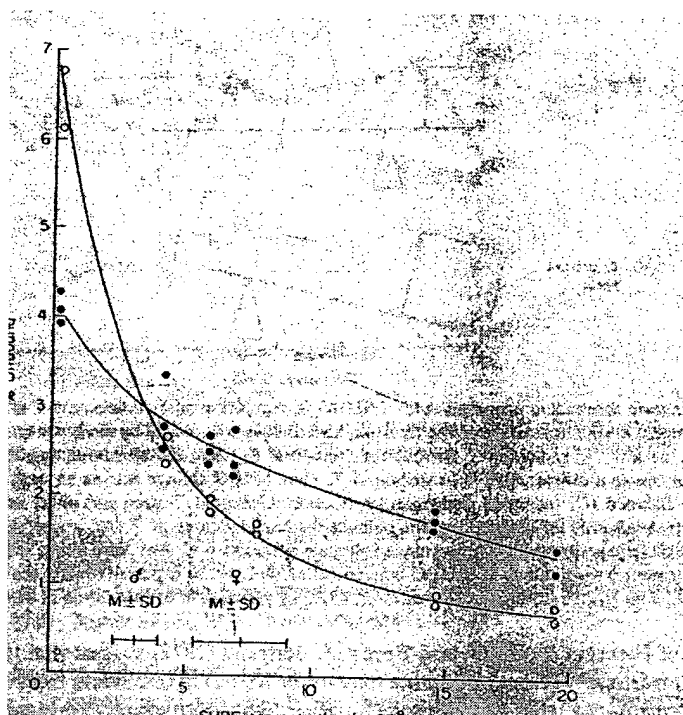


FIGURE 4

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*In vitro* experiment showing differential effect of SHBG on the percentage unbound of tracer triated testosterone (o) and estradiol(\*). Normal male and female concentrations indicated by the horizontal bars. Reproduced from Burke and Anderson with permission of Editor.

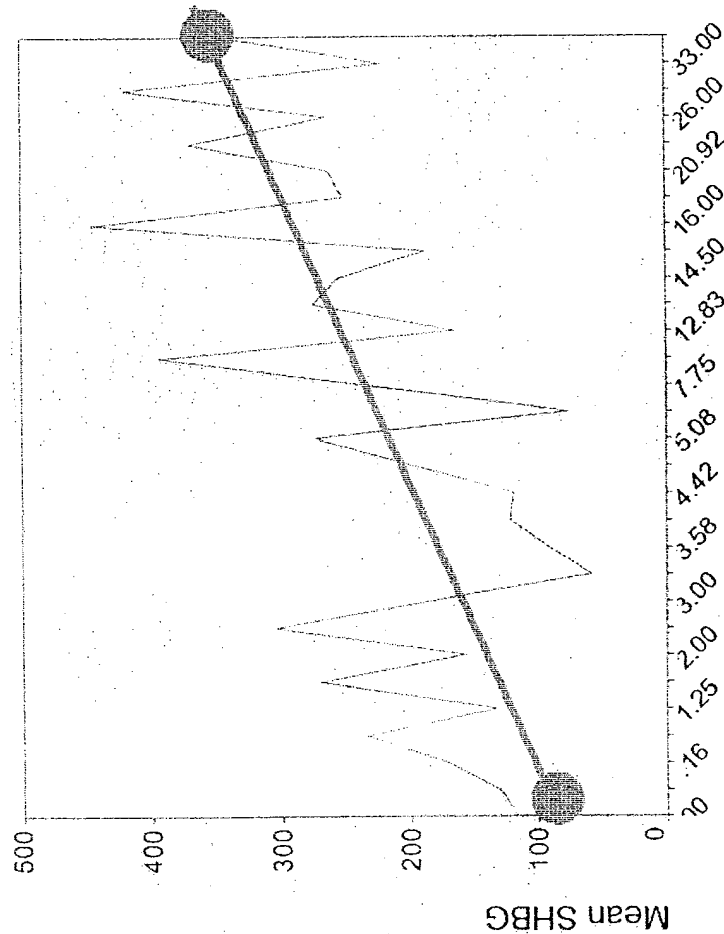
FIGURE 5

# D-ESTROGENS Correlate to SHBG

LENGTH OF TIME ON ESTROGEN REPLACEMENT!

Mean SHBG  
correlates with  
Number of  
Years on ERT

**$P < .0001$**



total duration of hrt use in years and months

FIGURE 6

# Long-term ERT increases SHBG

Correlation	P value
▶ No vs >10 years	.0005
▶ 1-4 vs >10 years	.0005
▶ No vs 1-4 years	.039
▶ 5-9 vs >10 years	.037

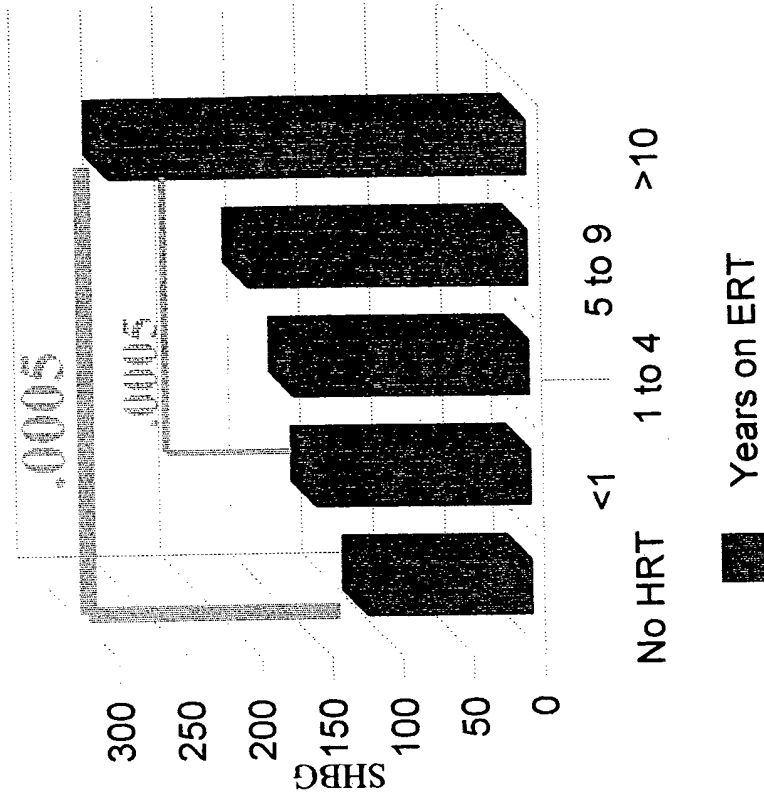


FIGURE 7

# Long-term ERT correlates to Insulin

As D-ERT increases Serum Insulin Decreases

Correlation P value

▶ No ERT vs >10 Years

**.044**

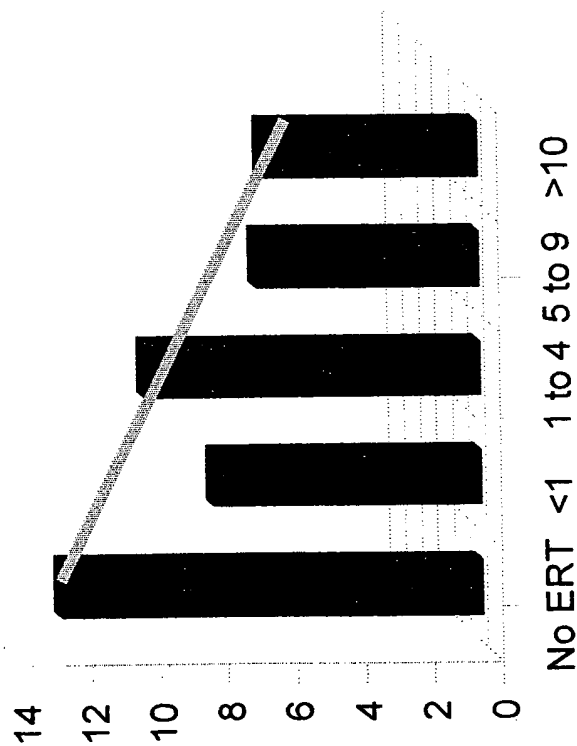


FIGURE 8



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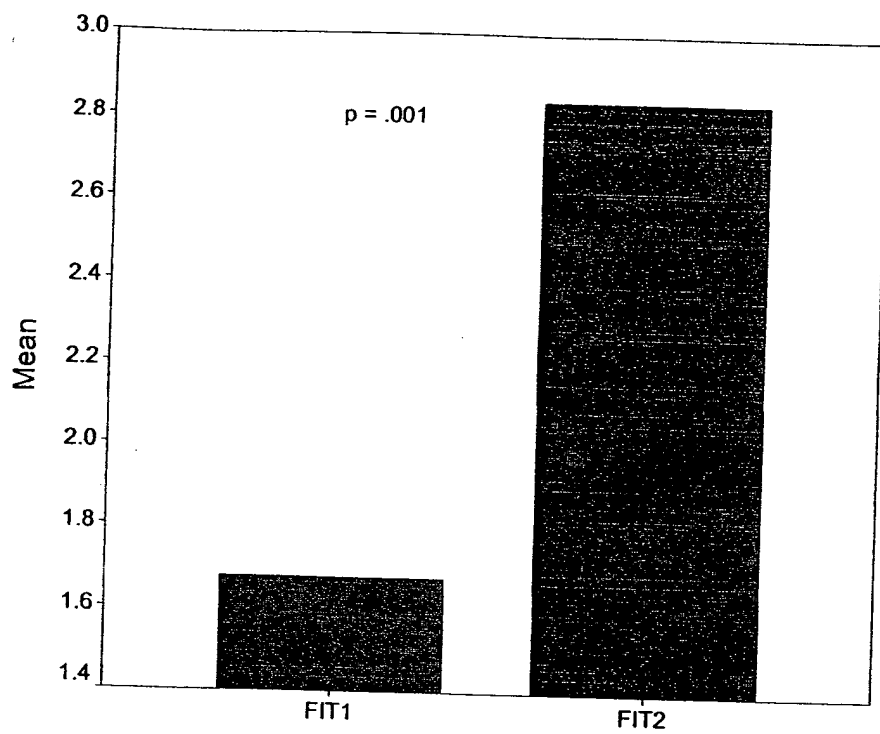


FIGURE 9

# F.I.T. Index

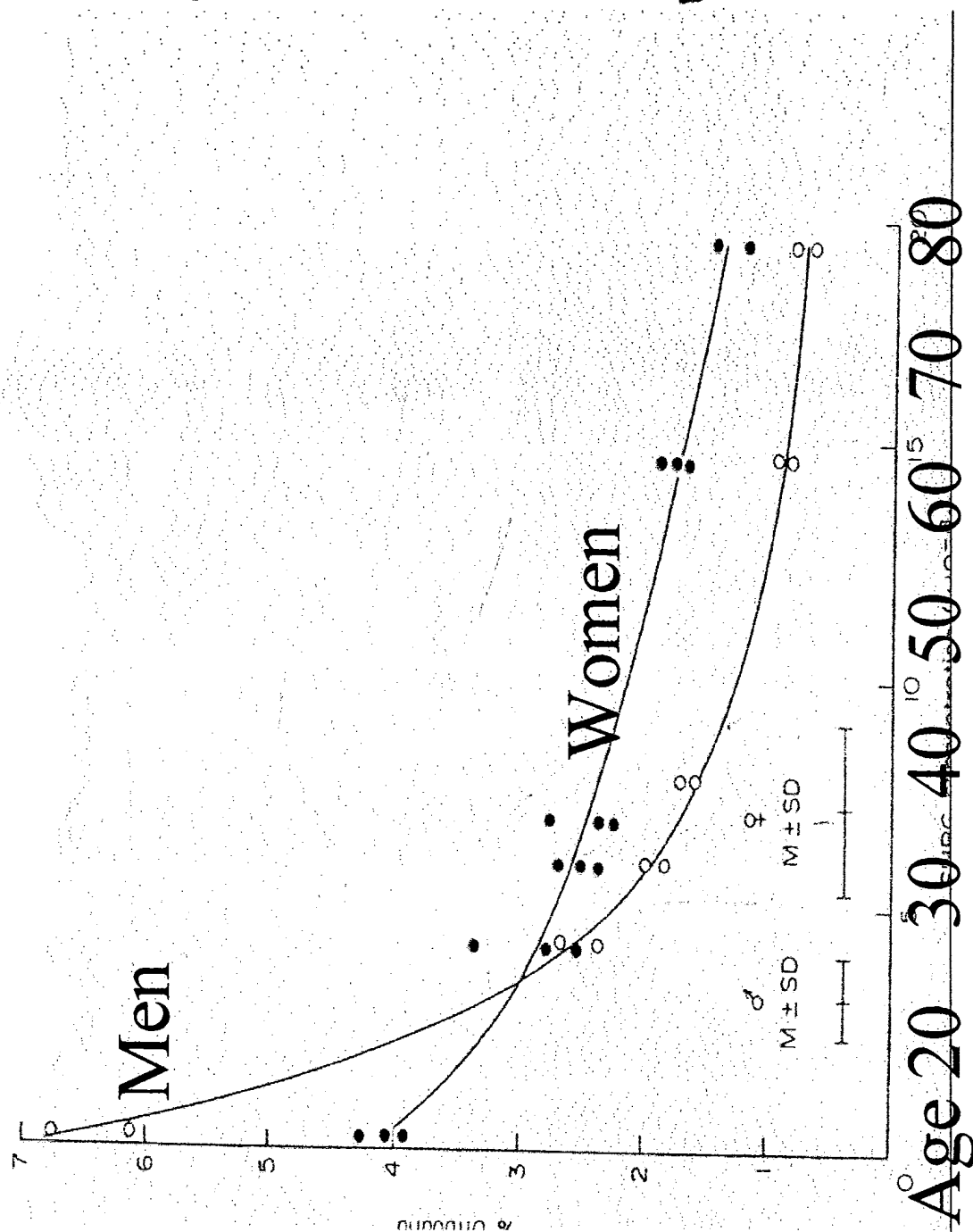


FIGURE 10